main frames welded to the tension mask, wherein each of the main frames is bent at a middle portion in [the] a width direction, and has a portion perpendicular to the tension mask defining a partition and another portion opposite to the tension mask defining a lower plane, and wherein widths of a middle portion and of both ends of the lower plane are formed in the range of the following equation:

$$0 < \frac{w_1 - w_2}{w_2} \leq 1.0,$$

[herein,] where w_1 is the width of the middle portion, and w_2 is the width of both ends.

2. (Amended) A tension mask assembly, comprising:

a tension mask having electron beam through holes [shaped as a slot or grill,];

[a] at least one sub-frame for tensioning the tension mask[,]; and

main frames welded to the tension mask, wherein each of the main frames has a partition perpendicular to the tension mask, a lower plane perpendicularly bent from the partition with a certain width to be opposed to the tension mask, and a support bent from the lower plane to support the partition at the outer edge, and wherein widths of a middle portion and of both ends of the lower plane are formed in the range of the following equation:

$$0 < \frac{y_1 - y_2}{y_2} \leq 1.0,$$

[herein,] where y_1 is the width of the middle portion, and y_2 is the width of both ends.

3. (Amended) [A] The tension mask assembly according to claim 2, wherein widths of a middle portion and both ends of the support are formed in the range of the following equation:

$$0 < \frac{d_1 - d_2}{d_2} \leq 1.0,$$

[herein,] where d_1 is the width of the middle portion, and d_2 is the width of both ends.

Clean Set of Amended Claims

1. (Amended) A tension mask assembly, comprising:

a tension mask having electron beam through holes;

at least one sub-frame for tensioning the tension mask; and

main frames welded to the tension mask, wherein each of the main frames is bent at a middle portion in a width direction, and has a portion perpendicular to the tension mask defining a partition and another portion opposite to the tension mask defining a lower plane, and wherein widths of a middle portion and of both ends of the lower plane are formed in the range of the following equation:

$$0 < \frac{w_1 - w_2}{w_2} \leq 1.0,$$

where w_1 is the width of the middle portion, and w_2 is the width of both ends.

2. (Amended) A tension mask assembly, comprising:

a tension mask having electron beam through holes;

at least one sub-frame for tensioning the tension mask; and

main frames welded to the tension mask, wherein each of the main frames has a partition perpendicular to the tension mask, a lower plane perpendicularly bent from the partition with a certain width to be opposed to the tension mask, and a support bent from the

lower plane to support the partition at the outer edge, and wherein widths of a middle portion and of both ends of the lower plane are formed in the range of the following equation:

$$0 < \frac{y_1 - y_2}{y_2} \leq 1.0,$$

where y_1 is the width of the middle portion, and y_2 is the width of both ends.

3. (Amended) The tension mask assembly according to claim 2, wherein widths of a middle portion and both ends of the support are formed in the range of the following equation:

$$0 < \frac{d_1 - d_2}{d_2} \leq 1.0,$$

where d_1 is the width of the middle portion, and d_2 is the width of both ends.

B. Please add new claims 4-21 as follows:

4. (New) The tension mask assembly according to claim 1, wherein the electron beam through holes are shaped as a slot or grill.

5. (New) The tension mask assembly according to claim 1, wherein the main frames are welded to the at least one subframe.

6. (New) The tension mask assembly according to claim 1, wherein a shape of the lower plane is one of curved, rounded, rectangular, triangular, or any combination thereof.

7. (New) A cathode ray tube containing the tension mask assembly of claim 1.

8. (New) The tension mask assembly according to claim 2, wherein the electron beam through holes are shaped as a slot or grill.

9. (New) The tension mask assembly according to claim 2, wherein the main frames are welded to the at least one subframe.

10. (New) The tension mask assembly according to claim 2, wherein a shape of the lower plane is one of curved, rounded, rectangular, triangular, or any combination thereof.

11. (New) A cathode ray tube containing the tension mask assembly of claim 2.

12. (New) A tension mask assembly, comprising:

a tension mask having electron beam through holes disposed therein;

at least one sub-frame configured to support the tension mask under tension; and

main frames attached to the tension mask, wherein each of the main frames includes a first portion extending perpendicular to the tension mask and a second portion extending perpendicular to the first portion defining a lower plane, and wherein a width of a middle portion of the lower plane is greater than a width of edge portions of the lower plane.

13. (New) The tension mask assembly according to claim 12, wherein a shape of the lower plane is one of curved, rounded, rectangular, triangular, or any combination thereof.

14. (New) The tension mask assembly according to claim 12, wherein the main frames are welded to the at least one support frame.

15. (New) The tension mask assembly according to claim 12, wherein each of the main frames further comprises a third portion bent from the lower plane and configured to support the first portion, such that the main frame has a triangular cross section.

16. (New) The tension mask assembly according to claim 15, wherein a width of a middle portion of the third portion is greater than a width of the edge portions of the third portion.

17. (New) A cathode ray tube containing the tension mask assembly of claim 12.

18. (New) The tension mask assembly according to claim 12, wherein the widths of the middle portion and edge portions of the second portion of the main frames satisfy the following equation:

$$0 < \frac{w_1 - w_2}{w_2} \leq \text{a first prescribed value}$$

where w_1 is the width of the middle portion and w_2 is the width of the edge portions.

19. (New) The tension mask assembly according to claim 18, wherein the first prescribed value equals 1.0.

20. (New) The tension mask assembly according to claim 15, wherein the widths of the middle portion and edge portions of the third portion of the main frames satisfy the following equation:

$$0 < \frac{d_1 - d_2}{d_2} \leq \text{a second prescribed value}$$

where d_1 is the width of the middle portion and d_2 is the width of the edge portions.

21. (New) The tension mask assembly according to claim 20, wherein the second prescribed value equals 1.0.